

FIG. 1A

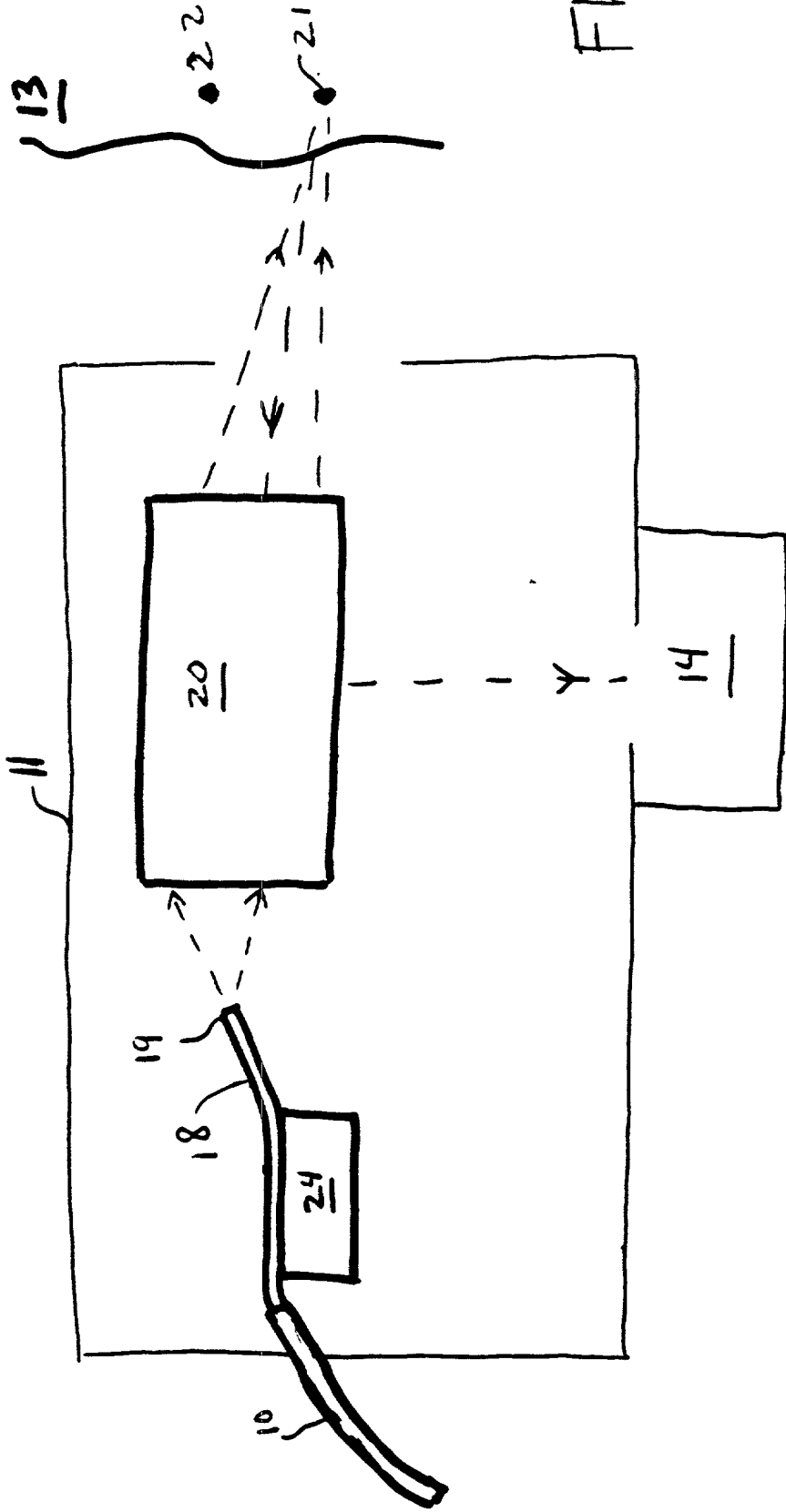


FIG. 2

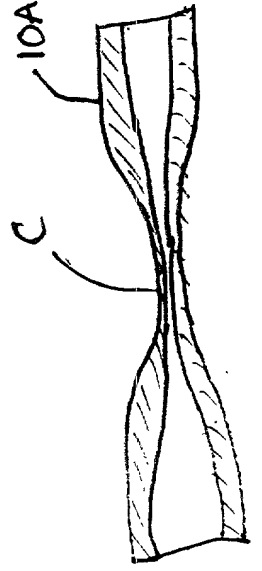
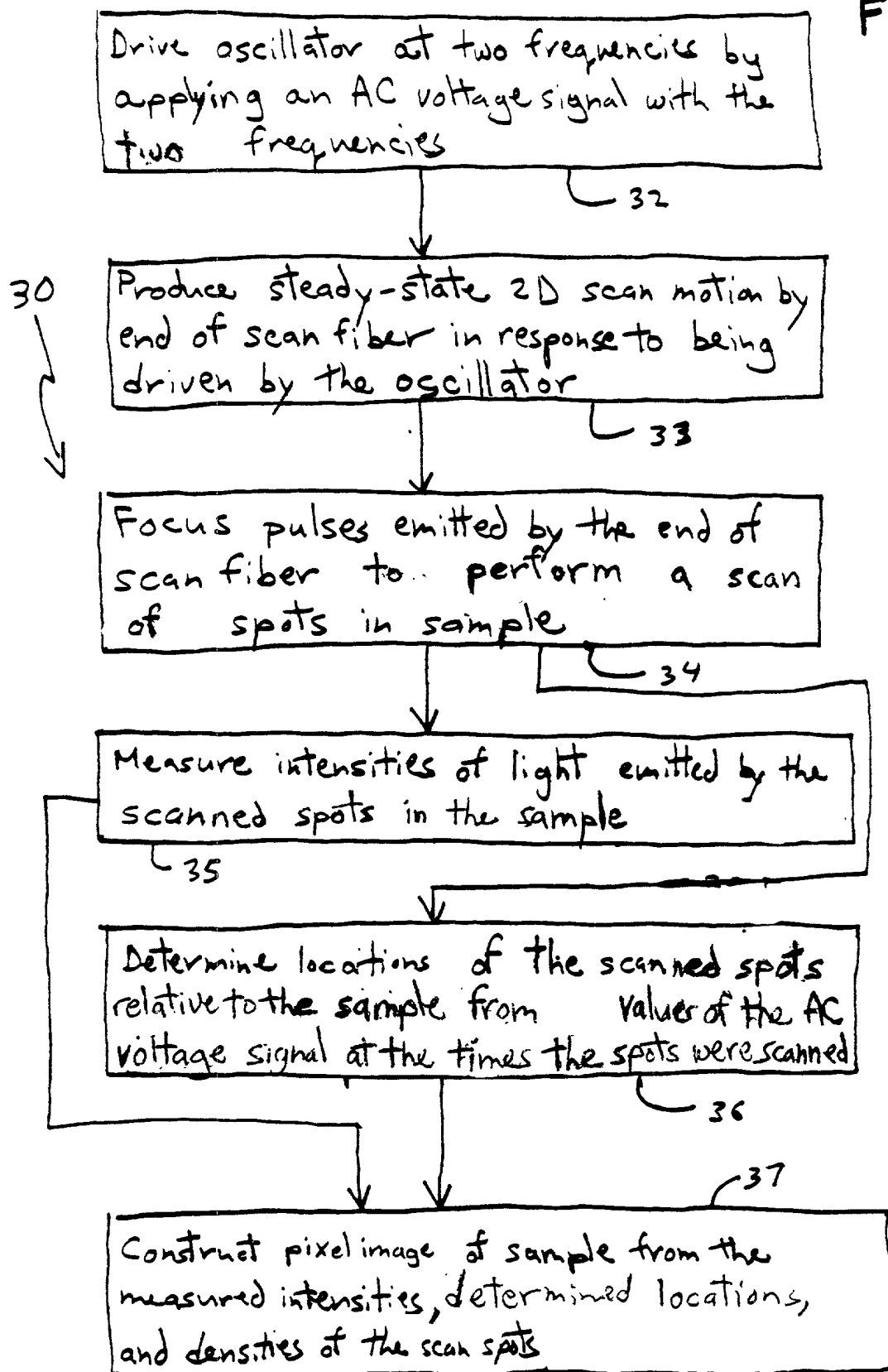
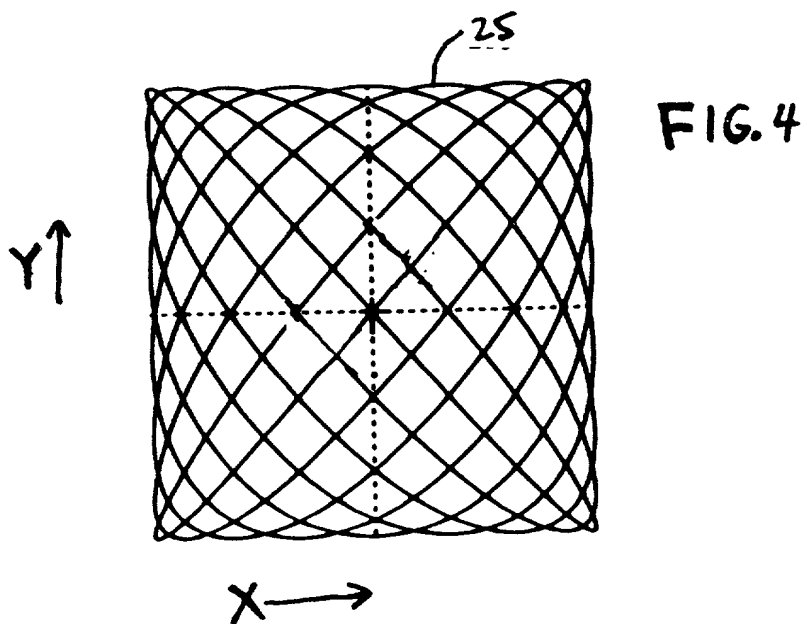
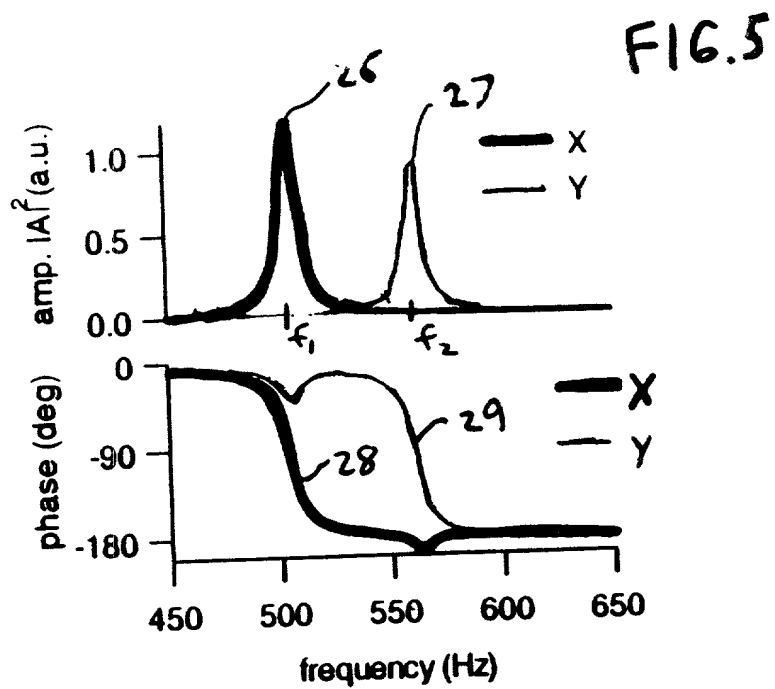


FIG. 1B

FIG. 3





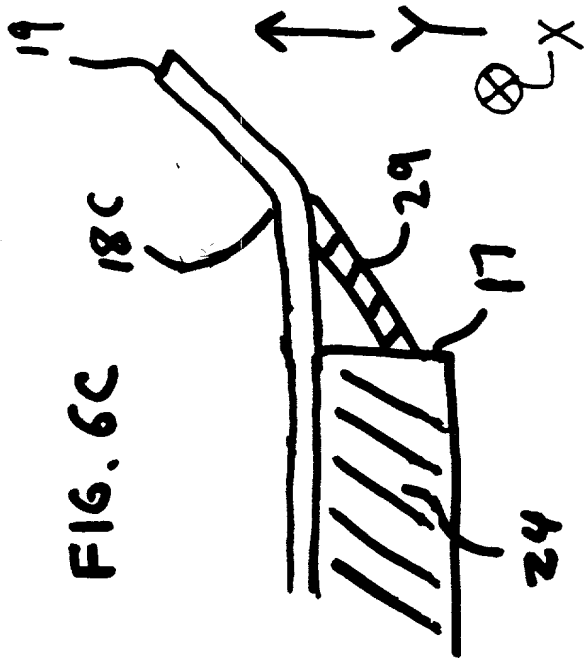
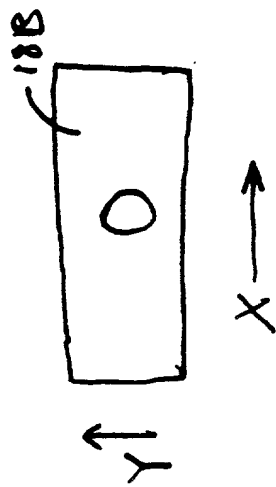
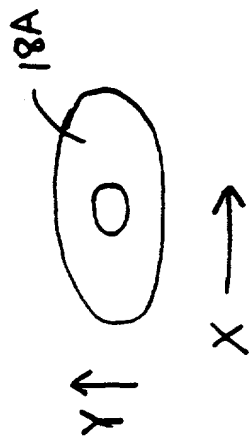
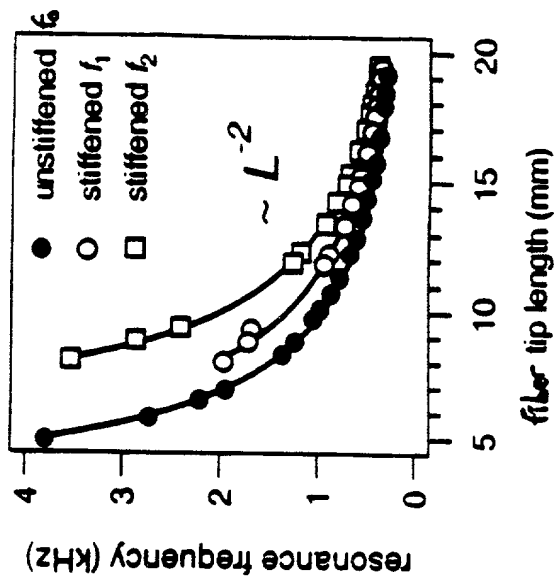


FIG. 6D



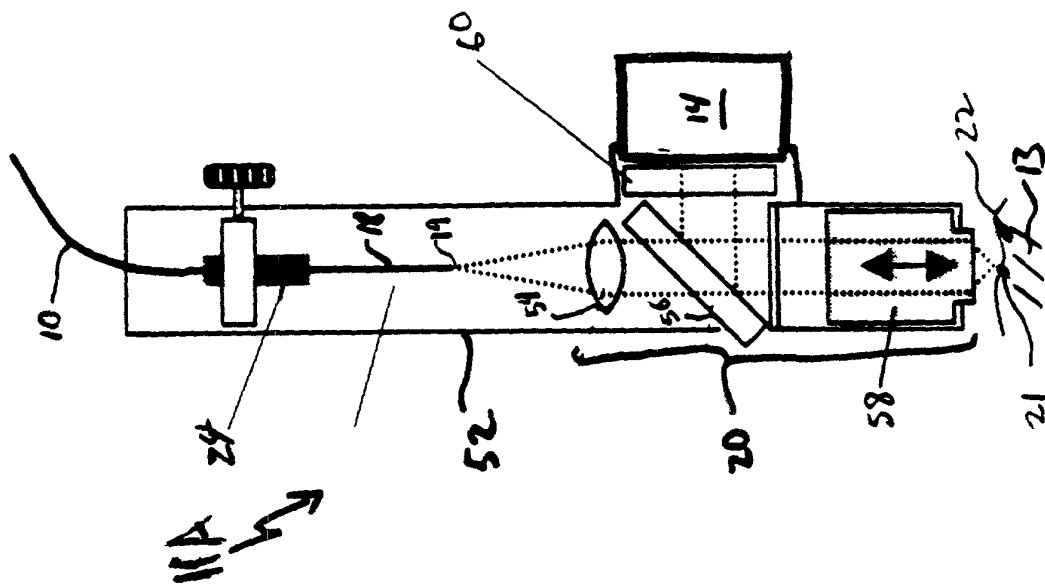


FIG. 7A

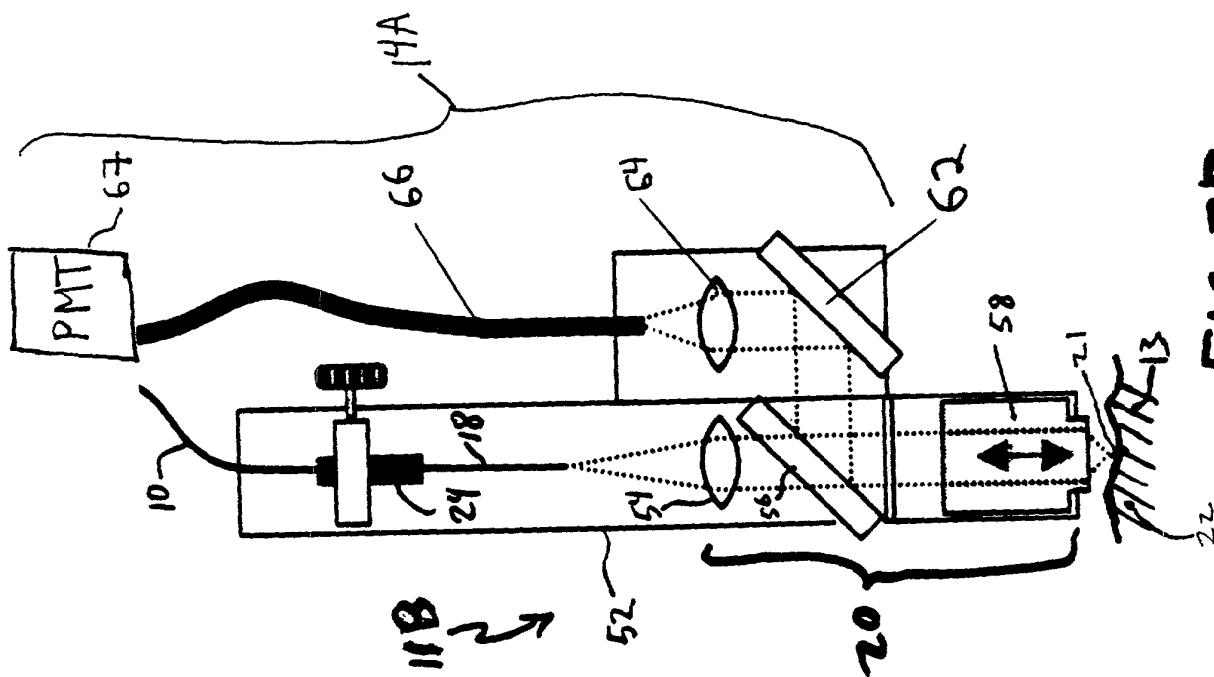


FIG. 7B

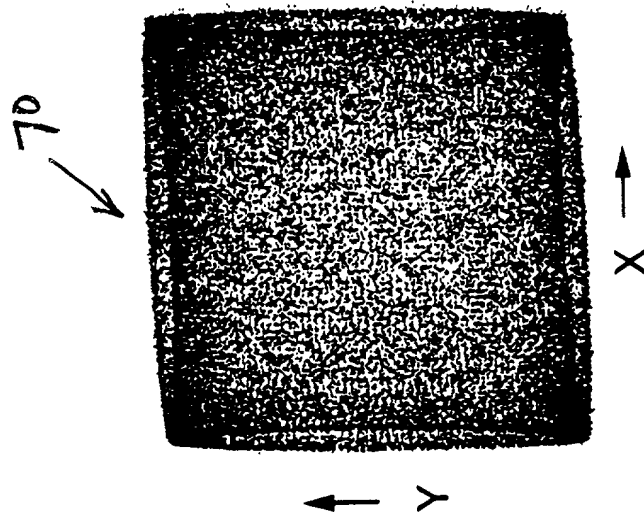
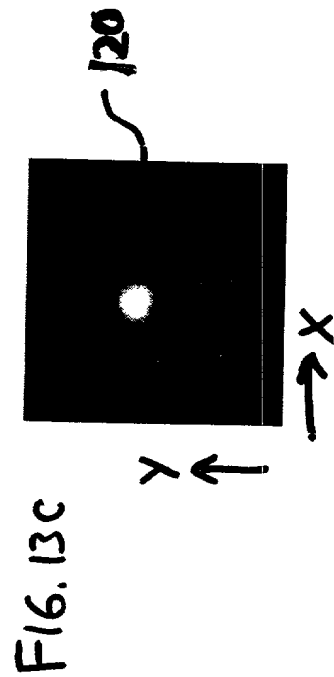
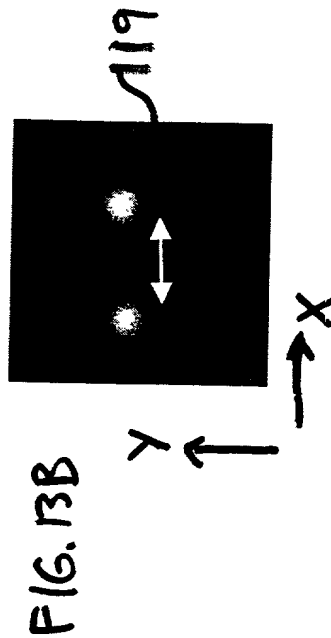
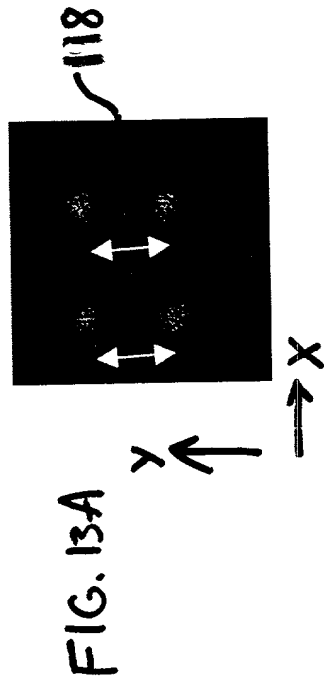
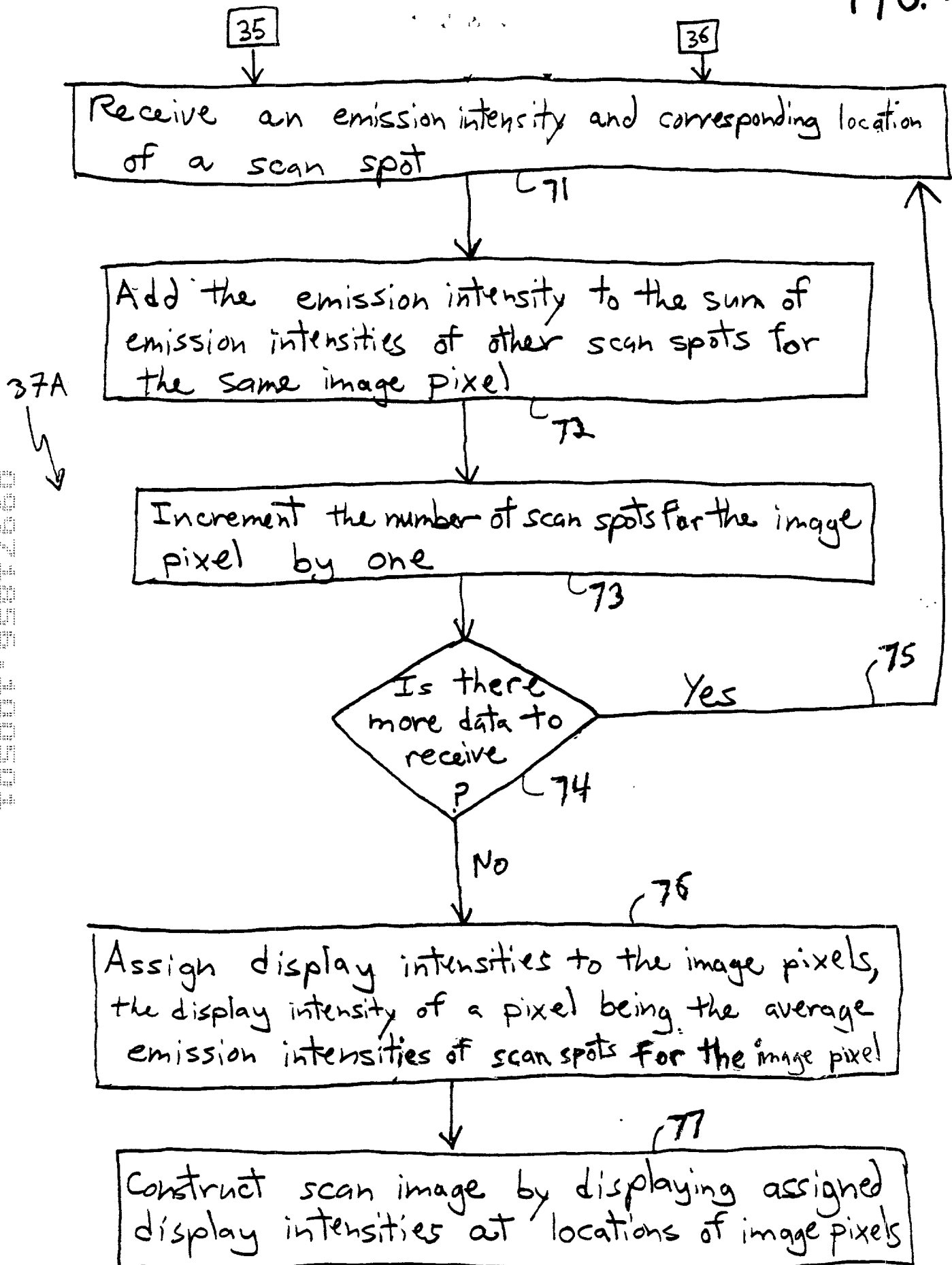


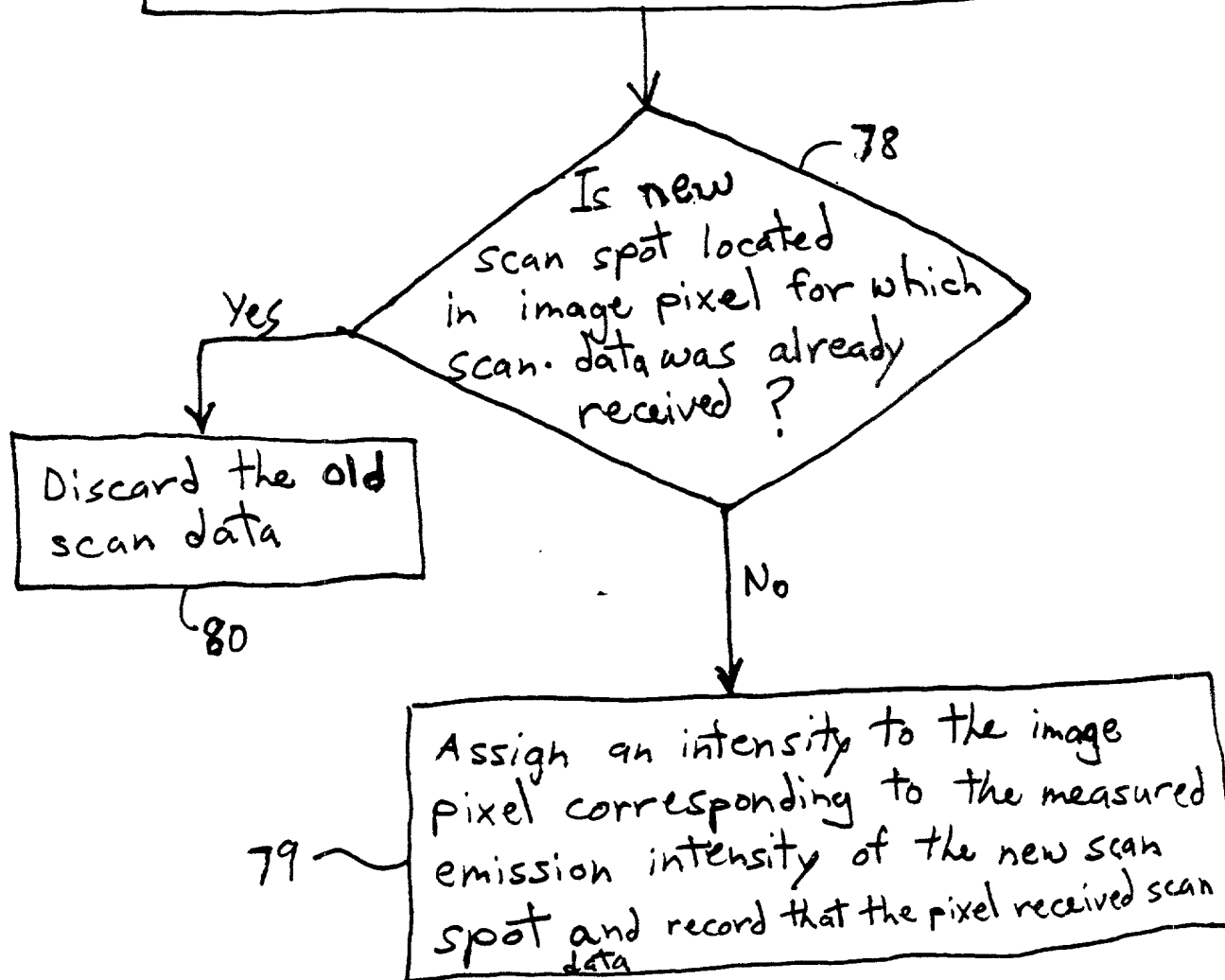
FIG. 8







Receive scan data for a new scan spot



37B

FIG. 9B

Calibrate circuit to output X and Y coordinates of scan spots in response to voltage signals driving oscillator

82

Produce scan image of sample using scan spot coordinates determined with the calibrated circuit

83

81

FIG. 10



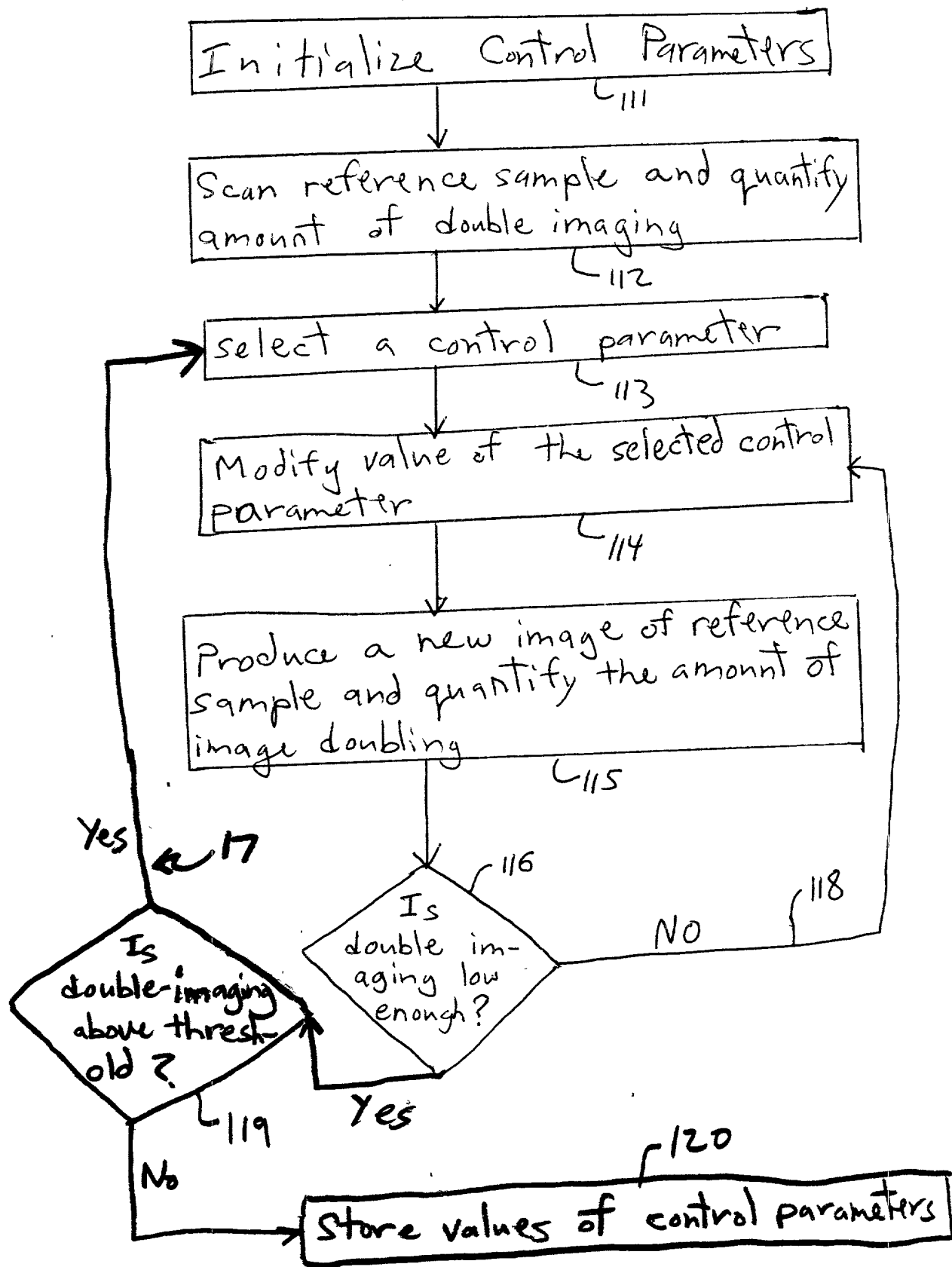


FIG. 12